Title (en)
Method for selective routing of local memory accesses and device thereof

Title (de)
Verfahren für selektives Routing lokaler Speicherzugriffe und Vorrichtung dafür

Title (fr)
Méthode de routage sélectif d'accès à une mémoire locale et dispositif associé

Publication
EP 2523099 B1 20181219 (EN)

Application
EP 12164961 A 20120420

Previously filed application
201113103609 20110509 US

Priority
US 201113103609 A 20110509

Abstract (en)
[origin: EP2523099A2] A data processor (101) is disclosed that accesses its local memory (117) by routing requests through a data path (131, 103, 107, 132) that is external the data processor (101). A reservation/decoration controller (107) implements specialized handling associated with a received request to access local memory (117). In addition to implementing special handling, a memory controller (105) that is associated with the reservation/decoration controller (107) routes (132) a corresponding access request back to the data processor core to access its local memory (117).

IPC 8 full level
G06F 9/30 (2018.01); **G06F 9/38** (2018.01)

CPC (source: EP US)
G06F 9/3004 (2013.01 - EP US); **G06F 9/30043** (2013.01 - EP US); **G06F 9/30087** (2013.01 - EP US); **G06F 9/3834** (2013.01 - EP US); **G06F 9/3877** (2013.01 - EP US)

Cited by
US10275358B2; WO2015024532A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2523099 A2 20121114; **EP 2523099 A3 20130123**; **EP 2523099 B1 20181219**; JP 2012238306 A 20121206; JP 6005392 B2 20161012; US 2012290806 A1 20121115; US 8756405 B2 20140617

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EP 12164961 A 20120420; JP 2012107015 A 20120508; US 201113103609 A 20110509